Outline for April 6, 2009

Reading: text, §2.4–2.5

1. Variables
   a. What they are
   b. Names, identifiers
   c. Legal, illegal names
   d. Reserved words

2. Expressions
   a. Operation, operand
   b. Operators +, −, *, /, %, **
   c. Name Errors

3. Output: print statement
   a. Commas add space or suppress end of line
   b. Print with nothing after it prints a blank line

4. Assignment
   a. Simple assignment: variable = expression
   b. Simultaneous assignment: variableA, variableB = expressionA, expressionB
   c. Program swap.py

5. Input: input statement
   a. input(prompt) prints prompt, waits for user
   b. When user hits enter, it evaluates what user types and returns it

6. Program: compute an average